

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-7 (Canceled).

Claim 8 (Currently Amended): A shutter unit for selectively opening and closing the optical path of a laser beam, according to claim 1, further comprising:

a rotating member which rotates around the axis line that is substantially orthogonal to the optical axis of said laser beam, and which is provided with an opening for passing said laser beam therethrough and a reflective surface for reflecting said laser beam;

an optical absorption member for absorbing the laser beam reflected with said reflective surface; and

a drive motor having a rotational shaft disposed on said axis line,

wherein said rotating member has a base portion which rotates around said axis line, and an inclined plate extending from said base portion to said optical axis side and inclined toward said axis line side, and is mounted on said rotational shaft,

said opening is formed between said base portion and said inclined plate,

said reflective surface is formed on the outer surface of said inclined plate in relation to said axis line, and reflects said laser beam in a direction substantially parallel to said axis line,

said optical absorption member is disposed on the optical axis of the laser beam reflected with said reflective surface,

said drive motor is disposed outside a housing accommodating said rotating member and said optical absorption member,

said optical absorption member is disposed on inside wall of said housing in the opposite side of said drive motor across said optical axis,

said laser beam entering said housing enters said optical absorption member when said reflective surface closes the optical path of said laser beam by the drive of said drive motor, and passes said opening when said reflective surface opens the optical path of said laser beam by the drive of said drive motor.

Claim 9 (Currently Amended): A shutter unit according to claim [[5]] 8, further comprising a first photo interrupter; and a second photo interrupter within said housing; wherein said rotating member is provided with a light blocking plate for blocking the optical path of said first photo interrupter when said opening is positioned on said optical axis, and blocking the optical path of said second photo interrupter when said reflective surface is positioned on said optical axis; and

wherein said first photo interrupter and said second photo interrupter are disposed inside a housing accommodating said rotating member and said optical absorption member; said light blocking plate is disposed on said base portion so as to face said inclined plate across said axis line, and said opening is formed between said light blocking plate and said inclined plate.

Claim 10 (Currently Amended): A laser processing device comprising the shutter unit described in claim 8 or 9; wherein said shutter unit is fixed to a cooling jacket mounted on a laser oscillator in order to cool said laser oscillator which outputs said laser beams.